INTERNATIONAL SEARCH REPORT

International application No.

		PCT/JP2	004/01104/
	ATION OF SUBJECT MATTER F04B17/04		
According to Inte	ernational Patent Classification (IPC) or to both national	classification and IPC	·
B. FIELDS SEA	ARCHED		
Minimum docum	nentation searched (classification system followed by class	ssification symbols)	
	F04B17/04, H02K33/00		
Jitsuyo Kokai Ji	itsuyo Shinan Koho 1971—2004 Tor	tsuyo Shinan Toroku Koho roku Jitsuyo Shinan Koho	1996-2004 1994-2004
Electronic data b	pase consulted during the international search (name of da	ata base and, where practicable, search te	rms used)
C. DOCUMEN	ITS CONSIDERED TO BE RELEVANT	·- · · · · · · · · · · · · · · · · · ·	
Category*	Citation of document, with indication, where app		Relevant to claim No.
X Y	Microfilm of the specification annexed to the request of Japa Model Application No. 159657/ No. 85404/1979) (Hitachi Metals, Ltd.), 16 June, 1979 (16.06.79), Full text (Family: none)	anese Utility	1-2,4 3
Y	JP 58-28468 Y2 (Hitachi Metal 21 June, 1983 (21.06.83), Full text (Family: none)	ls, Ltd.),	3
Further documents are listed in the continuation of Box C. See patent family annex.			
** Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "C" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document published prior to the international filing date but later than the priority date claimed "E" date document published after the international filing date date and not in conflict with the application but cited to und the principle or theory underlying the invention can considered novel or cannot be considered to involve an step when the document is taken alone "Y" document of particular relevance; the claimed invention can document of particular relevance; the claimed invention can considered to involve an inventive step when the document of particular relevance; the claimed invention can considered to involve an inventive step when the document of particular relevance; the claimed invention can document of particular relevance; the claimed invention can considered to involve an inventive step when the document of particular relevance; the claimed invention can document of particular relevance; the claimed invention can considered to involve an inventive step when the document of particular relevance; the claimed invention can document of particular relevance; the claimed invention of a step when the document of particular relevance; the claimed invention of a step when the document of particular relevance; the claimed invention of a step when the document of particular relevance; the claimed invention of a step when the document of particular relevance; the c		ation but cited to understand nvention claimed invention cannot be dered to involve an inventive claimed invention cannot be step when the document is documents, such combination e art family	
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer	
Facsimile No.		Telephone No.	

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/011047

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 4-13431 Y2 (Kabushiki Kaisha Takatsuki Denki Seisakusho), 27 March, 1992 (27.03.92), (Family: none)	. 3
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